

LCMXO2280E-5T144C



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**Part Number:** [LCMXO2280E-5T144C](#)

**Manufacturer:** [Lattice Semiconductor](#)

**Description:** IC FPGA 113 I/O 144TQFP

**Data sheet:**  [Product Selector Guide](#)  
 [Package Diagrams](#)  
 [Leaded Pkg PCB Layout Guide](#)  
 [LCMXO\\_MachXO Family Datasheet](#)

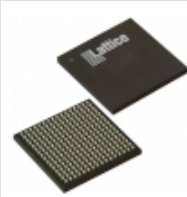
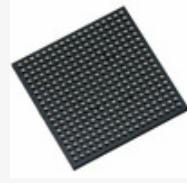
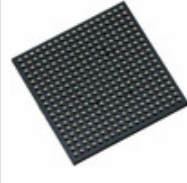
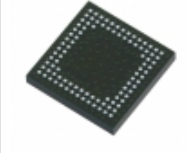
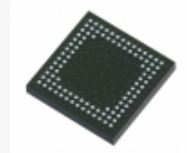
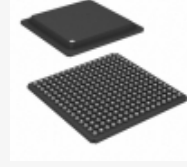
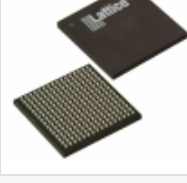
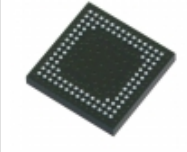
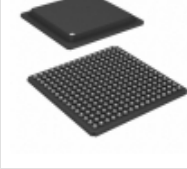
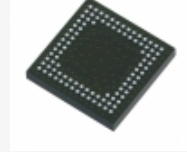
**RoHs Status:** Contains lead / RoHS non-compliant

**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                           |                                  |                                                                                                                                                                            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                              | LCMXO2280E-5T144C                         | Manufacturer                     | <a href="#">Lattice Semiconductor</a>                                                                                                                                      |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                              | IC FPGA 113 I/O 144TQFP                   | Lead Free Status / RoHS Status   | Contains lead / RoHS non-compliant                                                                                                                                         |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 3978 pcs                                  | Data sheet                       | <a href="#">Product Selector Guide</a><br><a href="#">Package Diagrams</a><br><a href="#">Leaded Pkg PCB Layout Guide</a><br><a href="#">LCMXO_MachXO Family Datasheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply                 | 1.14 V ~ 1.26 V                                                                                                                                                            |
| Total RAM Bits                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 28262                                     | Supplier Device Package          | 144-TQFP (20x20)                                                                                                                                                           |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | MachXO                                    | Package / Case                   | 144-LQFP                                                                                                                                                                   |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 0°C ~ 85°C (TJ)                           | Number of Logic Elements/Cells   | 2280                                                                                                                                                                       |
| Number of LABs/CLBs                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 285                                       | Number of I/O                    | 113                                                                                                                                                                        |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Surface Mount                             | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                                                                                                              |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                           | Contains lead / RoHS non-compliant        | Base Part Number                 | LCMXO2280                                                                                                                                                                  |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Lattice Semiconductor series electronic components. We have 3978 pieces of Lattice Semiconductor LCMXO2280E-5T144C in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                           |                                  |                                                                                                                                                                            |

| RELATED PRODUCTS                                                                   |                                                                                     |                                                      |                |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------|----------------|
|  | Part#: <a href="#">LCMXO2280E-5BN256C</a><br>Description: IC FPGA 211 I/O 256CABGA  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2280E-5FT324C</a><br>Description: IC FPGA 271 I/O 324FTBGA  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2280E-5TN100C</a><br>Description: IC FPGA 73 I/O 100TQFP    | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO256C-3T100C</a><br>Description: IC FPGA 78 I/O 100TQFP      | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2280E-5FTN324C</a><br>Description: IC FPGA 271 I/O 324FTBGA | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO256C-3T100I</a><br>Description: IC FPGA 78 I/O 100TQFP      | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO256C-3M100C</a><br>Description: IC FPGA 78 I/O 100CSBGA     | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2280E-5T100C</a><br>Description: IC FPGA 73 I/O 100TQFP     | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2280E-5TN144C</a><br>Description: IC FPGA 113 I/O 144TQFP   | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO256C-3M100I</a><br>Description: IC FPGA 78 I/O 100CSBGA     | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2280E-5M132C</a><br>Description: IC FPGA 101 I/O 132CSBGA   | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2280E-5FT256C</a><br>Description: IC FPGA 211 I/O 256FTBGA  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2280E-5B256C</a><br>Description: IC FPGA 211 I/O 256CABGA   | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2280E-4TN144I</a><br>Description: IC FPGA 113 I/O 144TQFP   | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO256C-3MN100C</a><br>Description: IC FPGA 78 I/O 100CSBGA    | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2280E-5MN132C</a><br>Description: IC FPGA 101 I/O 132CSBGA  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2280E-5FTN256C</a><br>Description: IC FPGA 211 I/O 256FTBGA | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO256C-3MN100I</a><br>Description: IC FPGA 78 I/O 100CSBGA    | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO256C-3TN100C</a><br>Description: IC FPGA 78 I/O 100TQFP     | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO256C-3TN100I</a><br>Description: IC FPGA 78 I/O 100TQFP     | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |

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|-----------------------------------------------|-----------------------------------------------------|----------------------------|-------------------------|
| Related keywords for <b>LCMXO2280E-5T144C</b> |                                                     |                            |                         |
| Lattice Semiconductor LCMXO2280E-5T144C       | LCMXO2280E-5T144C distributor                       | LCMXO2280E-5T144C supplier | LCMXO2280E-5T144C price |
| LCMXO2280E-5T144C download datasheet          | LCMXO2280E-5T144C datasheet                         | LCMXO2280E-5T144C stock    | buy LCMXO2280E-5T144C   |
| Lattice Semiconductor LCMXO2280E-5T144C       | Lattice Semiconductor Corporation LCMXO2280E-5T144C |                            |                         |